

BLACK & VEATCH

South Florida Water Management District
EAA Reservoir A-1 Basis of Design Report

January 2006

APPENDIX 9-4

GRAPHS OF TOTAL SEEPAGE FROM RESERVOIR AND SEEPAGE COLLECTED BY SEEPAGE CANAL

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The seepage collected by the seepage canal is an estimated value because of difficulties discerning between the amount of water the seepage canal collects from the reservoir versus the amount of water the seepage canal collects from surrounding areas such as the North New River. Since the North New River is modeled at a higher water level, the seepage canal is expected to draw some water in from the North New River.

**Figure 1 Reservoir A-1 Seepage Rate with Cutoff Wall 34 ft Deep and
Seepage Canal 10 ft Deep**

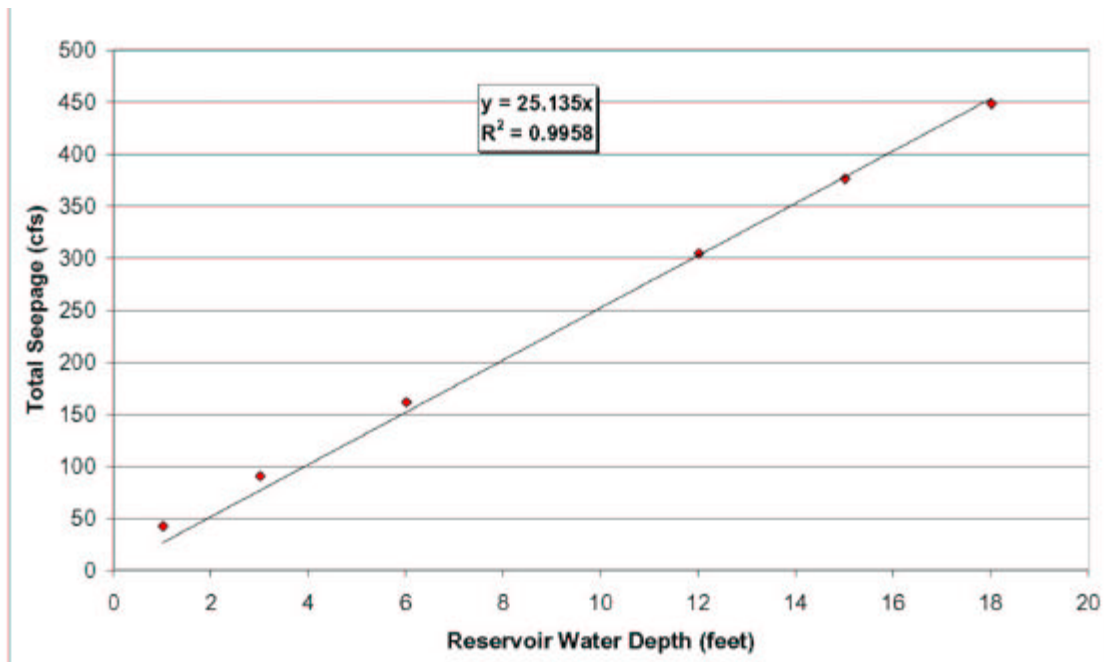


Figure 2 Reservoir A-1 Estimated Seepage Return Percentage with Cutoff Wall 34 ft Deep and Seepage Canal 10 ft Deep

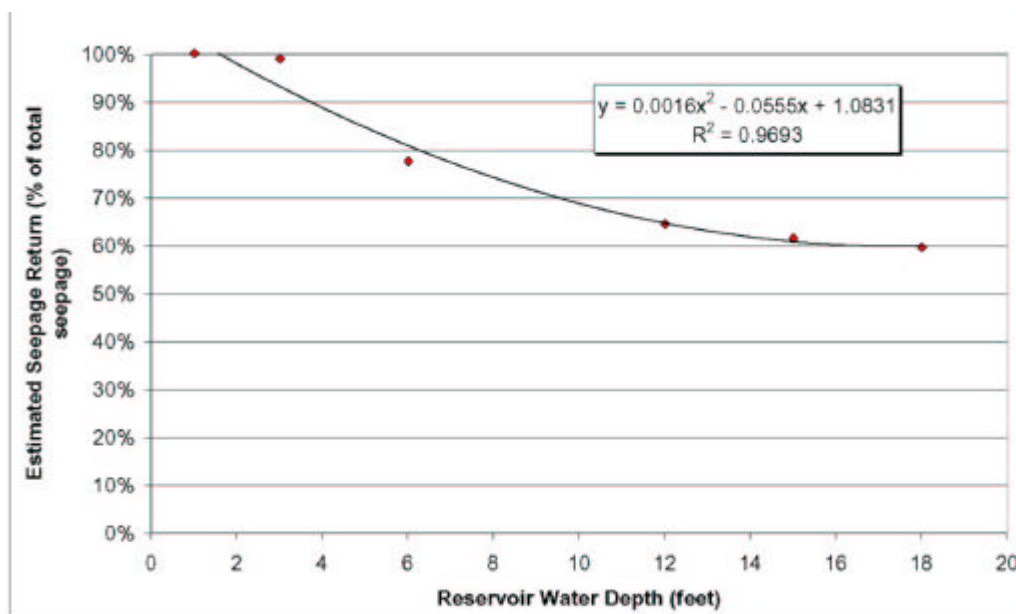


Figure 3 Reservoir A-1 Seepage Rate with Cutoff Wall 34 ft Deep and Seepage Canal 20 ft Deep

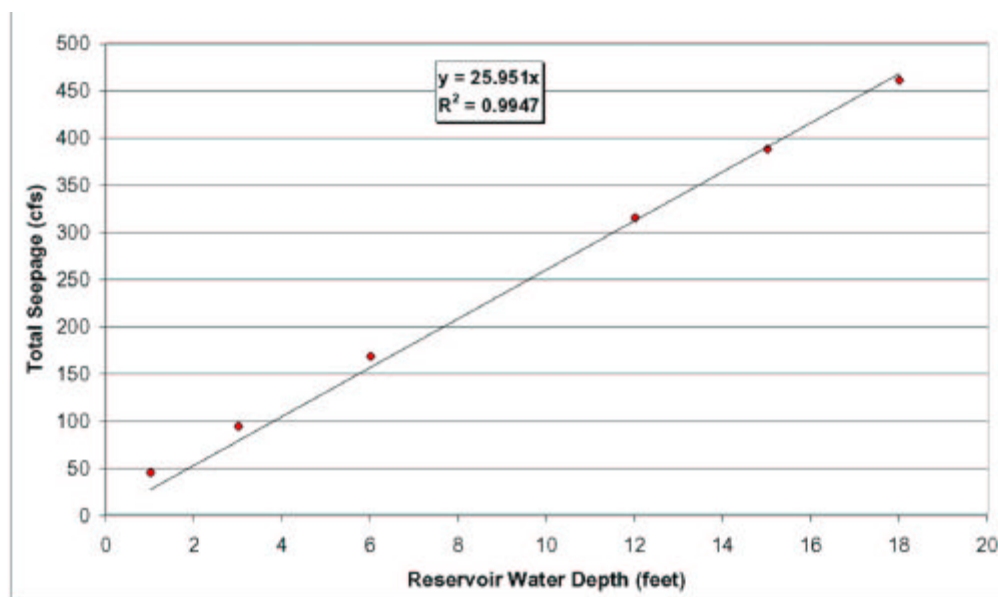


Figure 4 Reservoir A-1 Estimated Seepage Return Percentage with Cutoff Wall 34 ft Deep and Seepage Canal 20 ft Deep

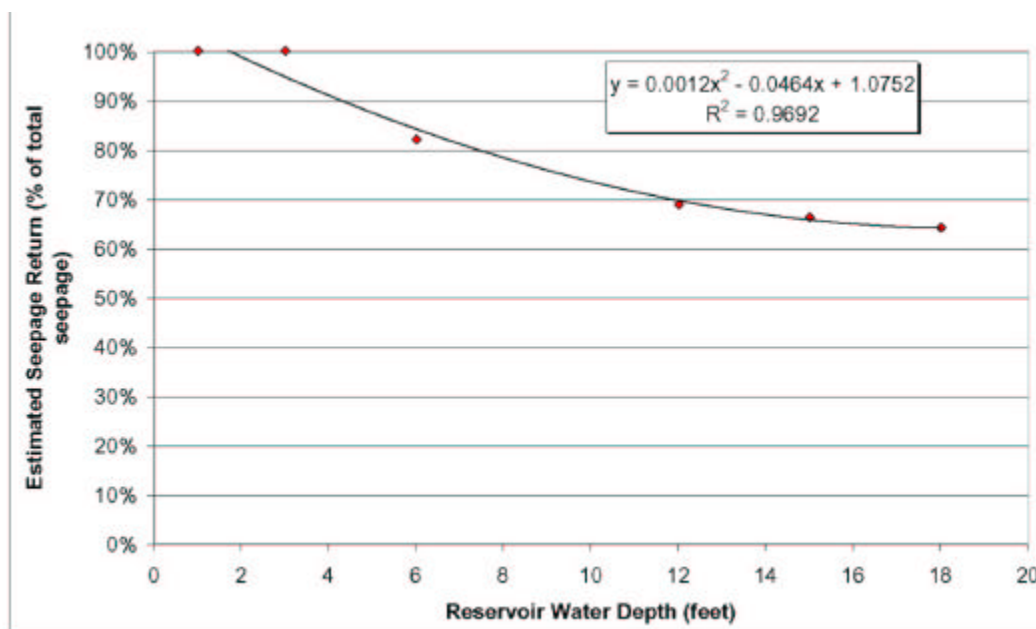


Figure 5 Reservoir A-1 Seepage Rate with Cutoff Wall 69 ft Deep and Seepage Canal 10 ft Deep

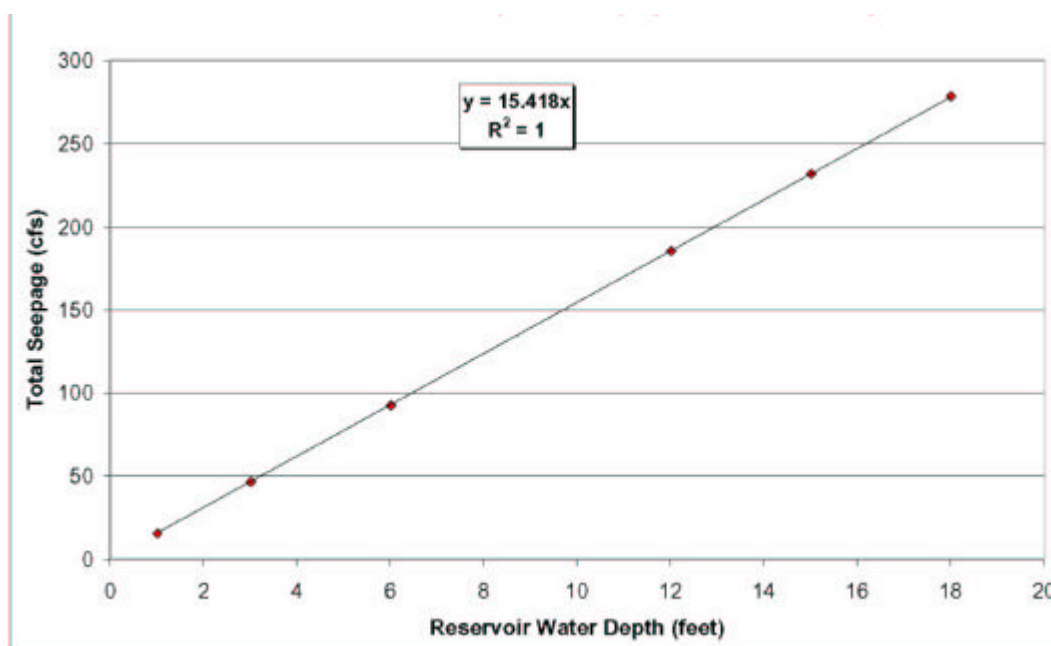


Figure 6 Reservoir A-1 Estimated Seepage Return Percentage with Cutoff Wall 69 ft Deep and Seepage Canal 10 ft Deep

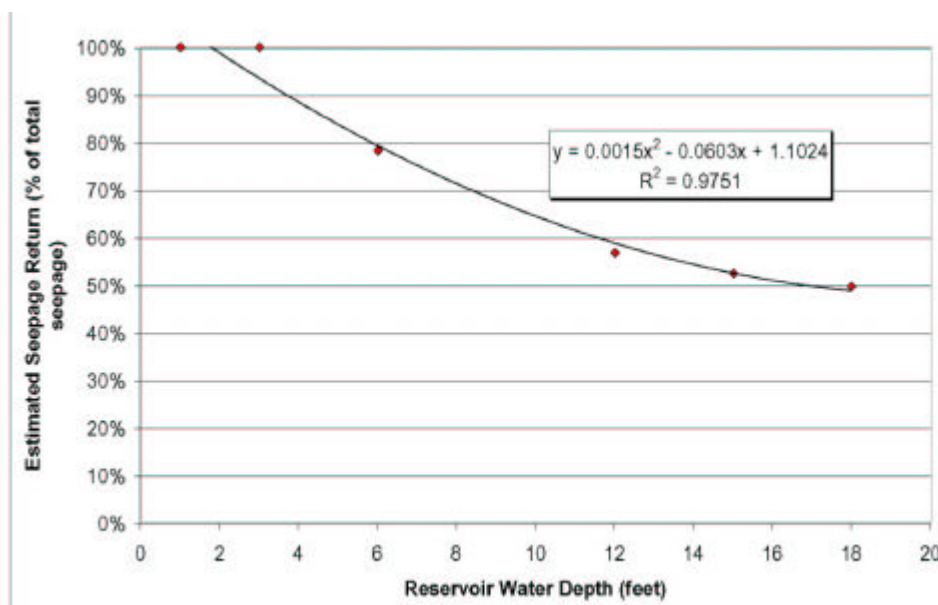


Figure 7 Reservoir A-1 Seepage Rate with Cutoff Wall 69 ft Deep and Seepage Canal 20 ft Deep

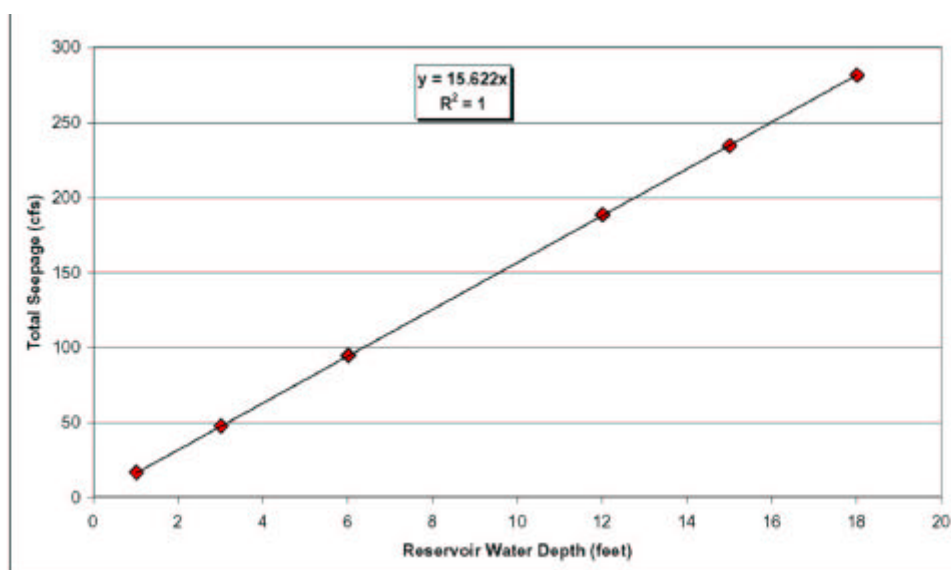


Figure 8 Reservoir A-1 Estimated Seepage Return Percentage with Cutoff Wall 69 ft Deep and Seepage Canal 20 ft Deep

